

## ABSTRACT

This method of identification between an interrogation system (1) such as an arch and labels (E) placed on objects to be identified and called upon to pass through the interrogation field (2) functions by the sending of control signals from the interrogator (1) to the labels (E) so that the latter transmit their codes. The known interrogation mode in which the codes are supplied bit by bit and the labels responding simultaneously are inhibited in turn so that only one is active and identified at any one time, is preceded by an identification test during which all the labels send their code at one go all at the same time, which allows immediate identification if only one label is present. When a label has been identified, the interrogator (1) isolates it in order to exchange particular information with it.

Figure 1